

Project Audit



Project:
Shiba Move Run

May 30, 2022



Shiba Move Run



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Shiba Move Run

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Overview

This audit has been prepared for **Shiba Move Run** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a summarized review of the following main key points:

- Contract's source code
- Project and team
- Website
- Social media & online presence

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
– SpyWolf Team

Smart Contract Summary

Contract Name	SMR
Ticker	SMR
Contract	0xeb48b42331f4c5d4458dd1c077e897dffc691b8
Network	Binance smart chain
Language	Solidity
Tax	Buy: 4% Sell: 8%
Total Supply	10,000,000,000
Status	Not launched

Current stats

Burn	No burnt tokens
LP Address	Liquidity not added yet
Liquidity	Liquidity not added yet
MaxTxAmount	No limit

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

Featured Wallets

Owner address	0xDf3Ed70b63c2a0E89221aF81741e98926F7d7486
Development receiver	Same as owner
fmarketingValueReceiver	Same as owner
Liquidity receiver	Same as owner
LP address	Liquidity not added yet

Top 3 Unlocked Wallets

Wallet 1 (100%)	Same as owner
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Tokens are not distributed yet

Security Threats

! This is rebase token with changing supply. This can lead to token inflation over time. Owner can manipulate total supply and initiate rebase at any time.

```
function setAutoRebase(bool _autoRebase) external onlyOwner {
    require(autoRebase != _autoRebase, "Not changed");
    autoRebase = _autoRebase;
}
function setRebaseFrequency(uint256 _rebaseFrequency) external onlyOwner {
    require(_rebaseFrequency <= MAX_REBASE_FREQUENCY, "Too high");
    rebaseFrequency = _rebaseFrequency;
}
function setRewardYield(uint256 _rewardYield, uint256 _rewardYieldDenominator) external onlyOwner {
    rewardYield = _rewardYield;
    rewardYieldDenominator = _rewardYieldDenominator;
}
function setNextRebase(uint256 _nextRebase) external onlyOwner {
    nextRebase = _nextRebase;
}
function manualRebase() external onlyWhitelisted{
    require(!inSwap, "Try again");
    require(nextRebase <= block.timestamp, "Not in time");
    uint256 circulatingSupply = getCirculatingSupply();
    int256 supplyDelta = int256(circulatingSupply.mul(rewardYield).div(rewardYieldDenominator));
    coreRebase(supplyDelta);
    manualSync();
}
```

! Owner can disable trading, making it impossible to sell.

```
function setInitialDistributionFinished(bool _value) external onlyOwner {
    require(initialDistributionFinished != _value, "Not changed");
    initialDistributionFinished = _value;
}
```

Security Threats

! Owner can set limit on holder's sale amount for period of time.

```
function setTxFee(uint _addr) external onlyOwner {
    txfee = _addr;
}
function setTwentyFourhours(uint256 _time) external onlyOwner {
    TwentyFourhours = _time;
}
function _transferFrom(address sender, address recipient, uint256 amount)
    internal returns (bool) {
    uint blkTime = block.timestamp;
    uint256 onePercent = balanceOf(sender).mul(txfee).div(100); //Should use variable
    require(amount <= onePercent, "ERR: Can't sell more than 1%");
    if( blkTime > tradeData[sender].lastTradeTime + TwentyFourhours) {
        tradeData[sender].lastTradeTime = blkTime;
        tradeData[sender].tradeAmount = amount;
    }
    else if( (blkTime < tradeData[sender].lastTradeTime + TwentyFourhours)
        && (( blkTime > tradeData[sender].lastTradeTime)) ){
        require(tradeData[sender].tradeAmount + amount <= onePercent,
            "ERR: Can't sell more than 1% in One day");
        tradeData[sender].tradeAmount = tradeData[sender].tradeAmount + amount;
    }
}
```

! Owner can change max transaction limit, making it impossible to sell if set to 0.

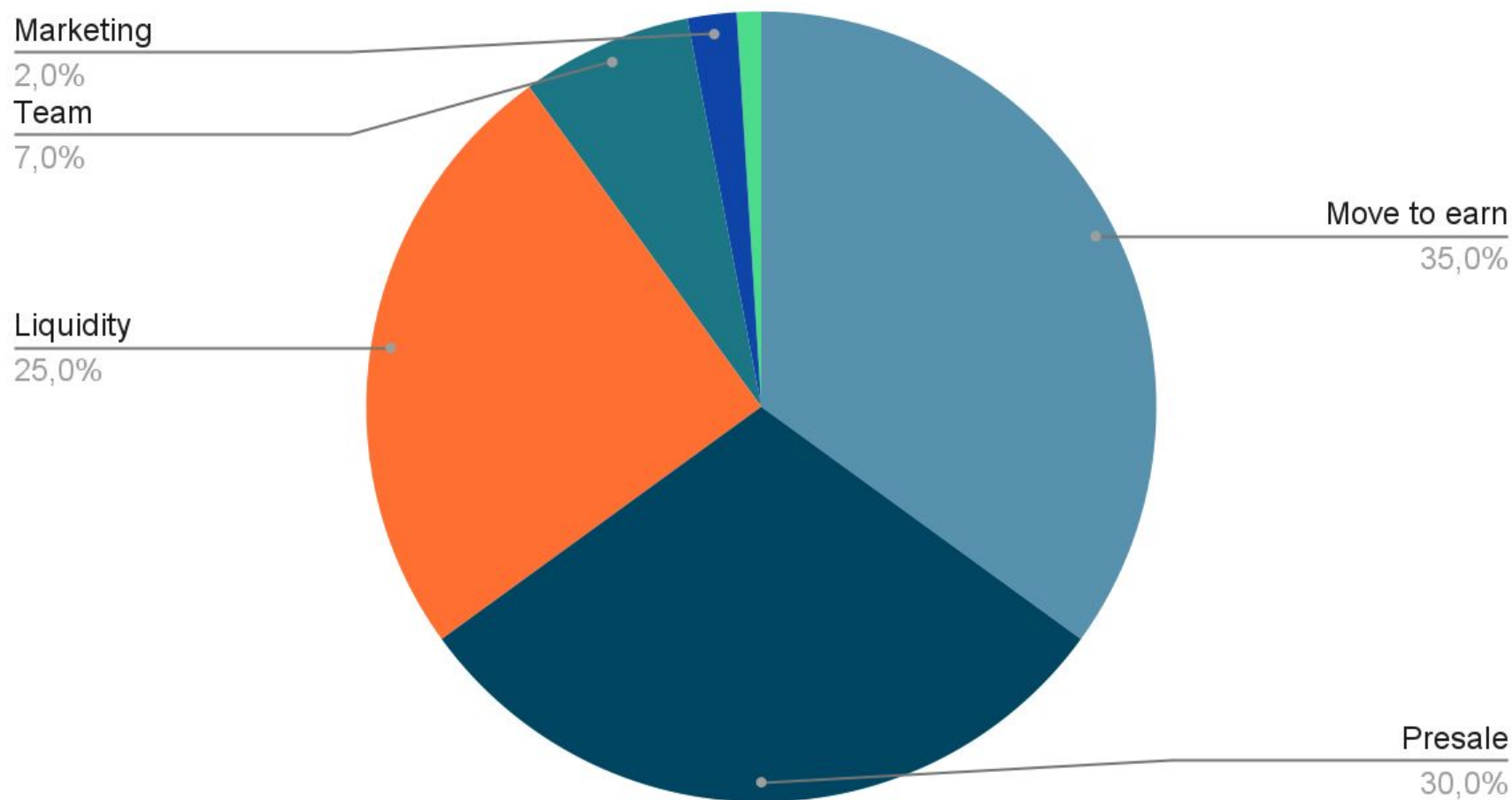
```
function setMaxSellTransaction(uint256 _maxTxn) external onlyOwner {
    maxSellTransactionAmount = _maxTxn;
}
```


Tokenomics

According to their website:

- 35% - Move to earn
- 30% - Presale
- 25% - Liquidity
- 7% - Team
- 2% - Marketing
- 1% - Airdrop

Tokens distribution



Shiba Move Run Project & Team Review

According to their website:

SHIBAMOVE will be Move2Earn web3 fitness and lifestyle mobile app with inbuilt NFT Gaming and Social-fi elements support on the BSC chain.

Players can cycling, jogging, running with SHIBAMOVE to get stronger every day and make money. Future development of the project will be as follows:

- Android & IOS version
- NFT Marketplace Launch
- Multichain Wallet

Team:

✓ Team KYCd by SpyWolf

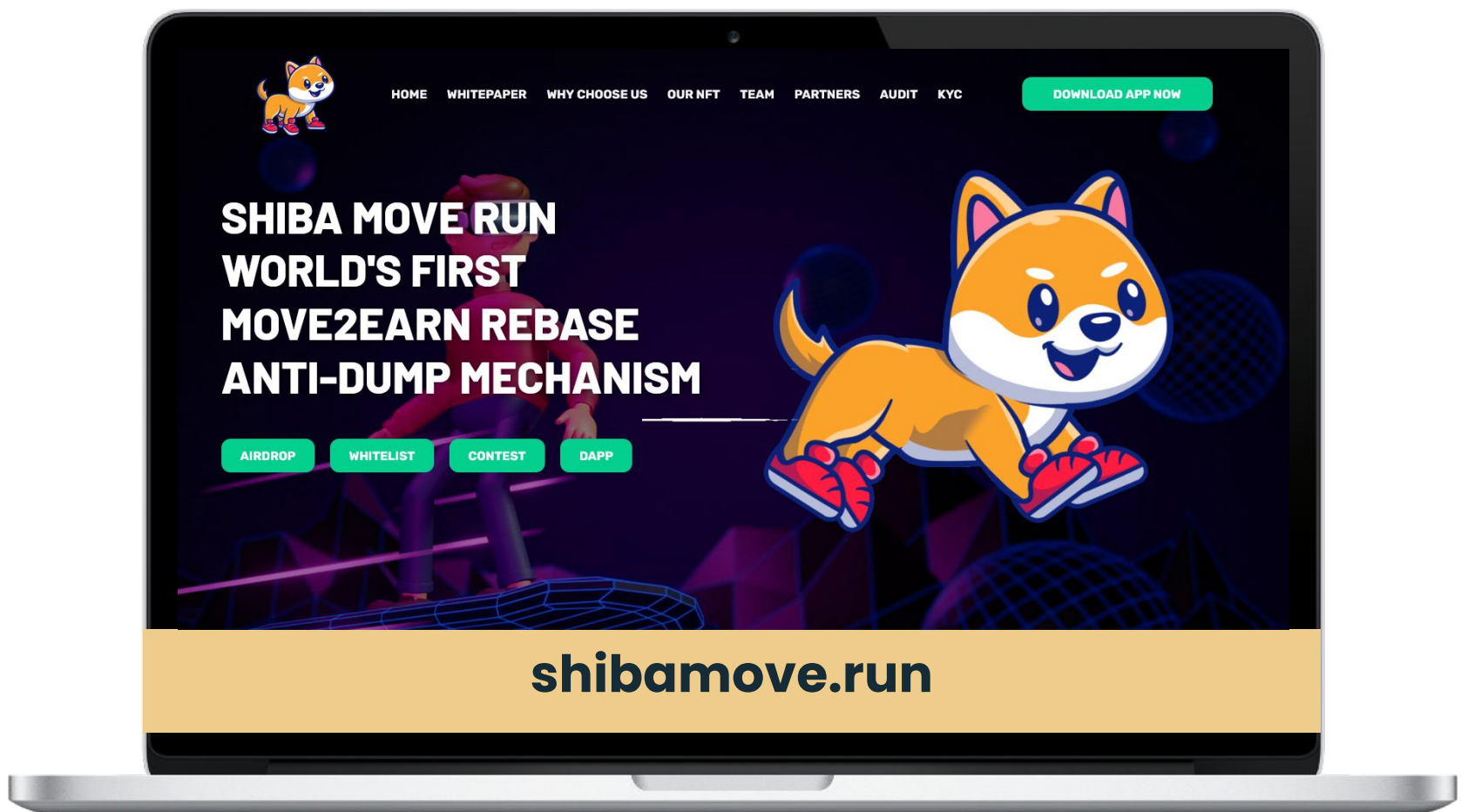
https://spywolf.network/assets/kyc/2022/may/KYC_Shiba_Move_Run_0xeb48b42331F4C5D4458DD1c077E897dFFcb691b8.png



Website Analysis

URL: <https://www.shibamove.run/>

- **Design:** Single page, unique design, appropriate color scheme.
- **Content:** Informative, no grammar mistakes.
- **Whitepaper:** No whitepaper. ⚠
- **Roadmap:** Goals set at 6 phases with time frames.
- **Mobile-friendly?** Yes.
- **Technical:** SSL certificate present. General SEO check passed.



Social Media & Online Presence



Telegram

<https://t.me/ShibaMoveRun>

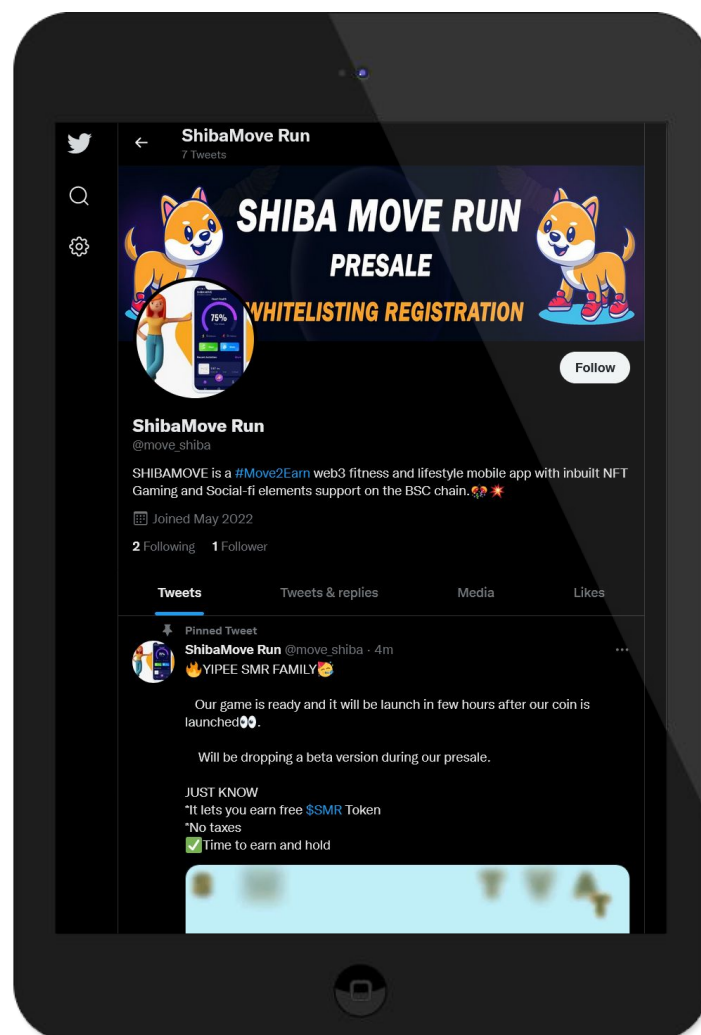
- 2 9324 members
- Active members
- Active mods



Twitter

https://twitter.com/move_shiba

- 6 Followers ⚠️
- Active



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: SpyWolf.co
- Portal: SpyWolf.network
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.